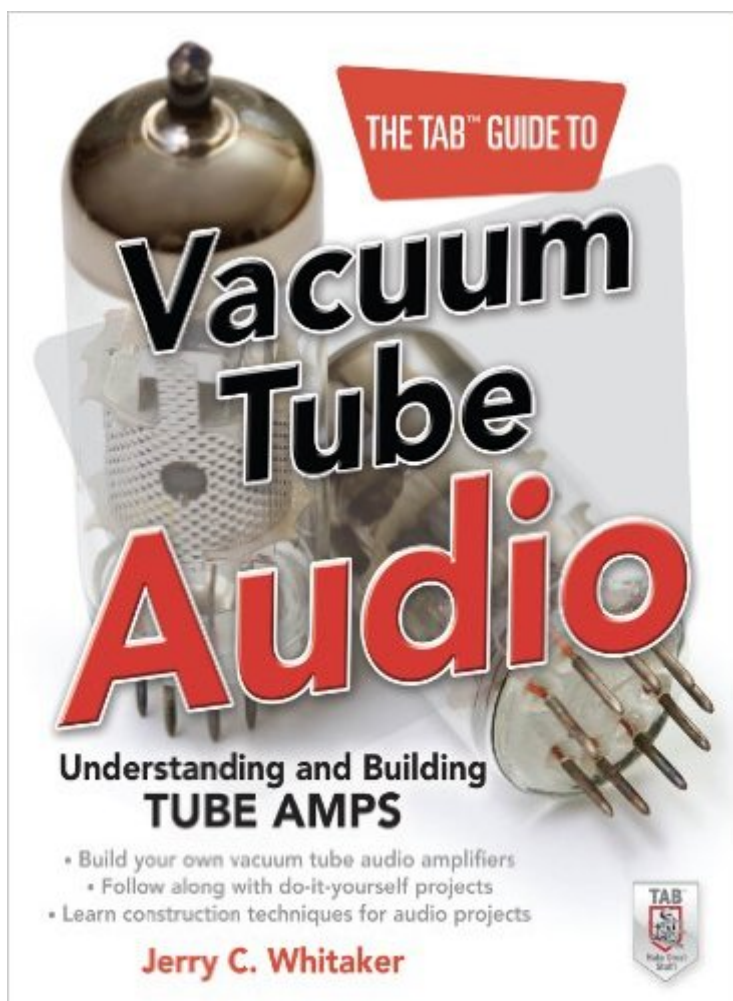


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# The TAB Guide To Vacuum Tube Audio: Understanding And Building Tube Amps (TAB Electronics)



## Synopsis

Incorporate the "tube sound" into your home audio system Learn how to work with vacuum tubes and construct high-quality audio amplifiers on your workbench with help from this hands-on, do-it-yourself resource. The TAB Guide to Vacuum Tube Audio: Understanding and Building Tube Amps explains tube theory and construction practices for the hobbyist. Seven ready-to-build projects feature step-by-step instructions, detailed schematics, and layout tips. You'll also find out how to tweak the projects, each based on a classic RCA design, for your own custom-built amps. Coverage includes: Principles and operational theory behind vacuum tubes Tube nomenclature, applications, and specifications Circuit layout, connections, and physical construction Finding and selecting the right components for the project Power supplies for vacuum tube circuits Preamplifier and power amplifier circuits Performance measurement Safety, maintenance, and troubleshooting techniques Tips on building your own tube-based systemâ" and having fun in the process This book is intended for hobbyists interested in adding the tube sound to any audio system. (Readers looking for high-performance audiophile books are urged to consider the McGraw-Hill books by Morgan Jones.) Learn more at [www.vacuumtubeaudio.info](http://www.vacuumtubeaudio.info) Make Great Stuff!TAB, an imprint of McGraw-Hill Professional, is a leading publisher of DIY technology books for makers, hackers, and electronics hobbyists.

## Book Information

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## Customer Reviews

Firstly, any book on vacuum tube audio is or should be welcome, there aren't enough of them. It takes lots of effort to write and produce such a book, so that is the first star from me. Unfortunately, this is where the problems start (from the very start).1. The first two chapters (almost 50 pages) are not necessary.2. The title of the 1st chapter is totally wrong, it is NOT an overview of Vacuum Tube Audio Applications at all, but a weak overview of AC and DC principles, you will not learn much from such a superficial scan of hodge-podge topics such as "Dimensions of Hearing" and "the Atom" A drawing of an iron (FE) atom in a book on building tube amps???3. The 2nd chapter is better, but again, not deep or practical enough, and as such, not necessary.4. Some sections of Chapter 3, such as "Electron Optics" again have no place in a book of this kind. The computer "drawing" of a triode's construction on page 60 is weird, totally wrong or impossible to understand! The family of plate curves and transfer curves on page 78 show only the linear parts of the curves, this is NOT what real curves look like, misleading!5. The choice of circuits used as examples in Chapter 4 is strange, only one type of phase inverters is shown, and the section on "protection measures" does not mention any such measures, simply talks in general terms about maximum grid dissipation.6. Chapter 5, "Interconnection, Layout and Operating Environment" is a total miss, a very shallow overview of an otherwise important topic.7.

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